

ATTORNEY DOCKET
064747.1017

03/18/06

PATENT APPLICATION
10/825,021

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shannon V. Davidson et al.
Serial No.: 10/825,021
Filing Date: April 15, 2004
Title: System and Method for Topology-Aware Job Scheduling and Backfilling in an HPC Environment

Mail Stop: Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Dear Sir:

CERTIFICATE OF MAILING
BY EXPRESS MAIL
Exp. Mail Receipt No. EV 732506526 US

I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Willie Jiles
Willie Jiles

Date: March 8, 2006

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, under 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. The present Application was filed after June 30, 2003. Therefore, under the July 11, 2003, waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office, copies of U.S. Patents and U.S. Patent Application Publications listed in the attached PTO-1449 form are not enclosed. All other references are enclosed for the convenience of the Examiner.

ATTORNEY DOCKET
064747.1017

PATENT APPLICATION
10/825,021

2

REMARKS

Each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than thirty days prior to the filing of this Information Disclosure Statement, and this Information Disclosure Statement is submitted before a first Office Action on the merits. Under 37 C.F.R. § 1.97(b)(3), no fee is due. Nonetheless, the Commissioner is hereby authorized to charge any fee and credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants

A handwritten signature in black ink, appearing to read 'T. W. Thomas', with a stylized flourish at the end.

Travis W. Thomas
Reg. No. 48,667

Date: March 8, 2006

Correspondence Address:

Customer Number 45507

PTO-1449		Application No. 10/825,021		Applicant(s) Shannon V. Davidson et al.			
 Information Disclosure Citation In an Application		Docket Number 064747.1017		Group Art Unit			
				Filing Date April 15, 2004			
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,301,104	04/05/1994	Yalamanchili	395	800	08/07/1990
	B						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	C						
	D						
NON-PATENT DOCUMENTS							
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
	E	Communication from the European Patent Office, European Search Report for Application No. PCT/US2005/012314, 6 pages, 09/20/2005, and Written Opinion of the International Search Authority, 7 pages					Mailed 02/10/2006
	F	Feitelson, "Job Scheduling in Multiprogrammed Parallel Systems", IBM Research Report, August 1997, pages 1-4, XP002942107					August 1997
	G	Kandlur et al., "Hypercube Management in the Presence of Node Failures", third conference on hypercube concurrent computers and applications ACM New York, 1988, pages 328-336, vol. 1, XP002364194					1998
	H	Wenjian et al., "Efficient Processor Allocation for 3D Tori", Parallel Processing Symposium 1995, Proceedings, 9th International, April 25-28, 1995, IEEE Comput. Soc., pages 466-471, XP010135921					1995
	I	Ma et al., "E-Kernel: An Embedding Kernel on the IBM Victor V256, Multiprocessor for Program Mapping and Network Reconfiguration, IEEE Transactions on Parallel and Distributed Systems, IEEE Service Center, vol. 5, no. 9, September 1, 1994, pages 977-994, XP000460490					September 1, 1994
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

U.S. PATENT AND TRADEMARK OFFICE